Full 3D Pass-through
Support IR Control

4x4 HDMI Matrix

MX44NN00R

User Manual

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

INTRODUCTION

The 4x4 HDMI Matrix is designed to work as a switcher for multiple video sources and displays. It is capable of switching HDMI signals between four sources and four displays. Because it is a matrix switch, any or all of the 4 inputs can simultaneously be switched to any or all of the 4 outputs. This devise will support high definition video in multiple resolutions of up to 1080P. This unit has quick and easy installation. With IR Remote control options, you can enjoy easy andcomfortable operation via this unit. This Matrix is HDCP Compliant making it is perfect for all HDMI devices, PC monitors, Plasma TV displays and HDTVs.

The Matrix offers solutions for HDTV, STB, DVD, home theater, projector manufacture plant environments testing, data center, information distribution, conference room presentation, school and corporate training environments, AV installation etc.

PACKAGE CONTENTS

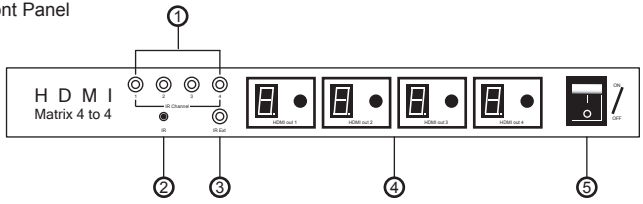
•1 x HDMI 4 by 4 Matrix unit
•1 x Remote
•1 x 5V DC power supply
•1 x User Manual

FEATURES

•HDMI, HDCP 1.2 and DVI compliant
•Support full 3D pass-through
•Support high resolution up to 1080P
•Super IR control system, IR transport channel can be forward or backward per your installation
•Support CEC bypass
•External and internal EDID settings

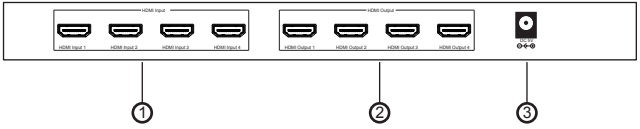
PANEL DESCRIPTION

Front Panel



① IR OUTPUT
② BUILT-IN IR
③ IR EXTENDER INPUT
④ HDMI INPUT DISPLAY AND BUTTON
⑤ POWER SWITCH BUTTON

Rear Panel

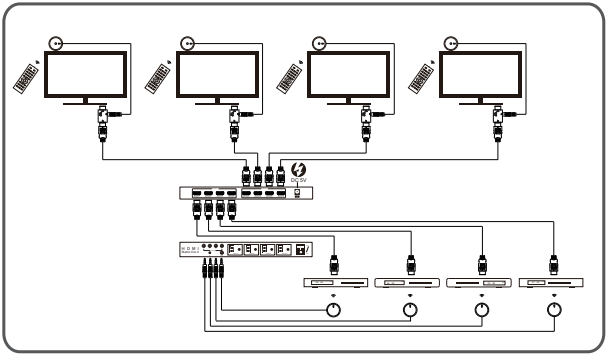


① HDMI INPUT
② HDMI OUTPUT
③ POWER SUPPLY INPUT

INSTALLATION

•Connect HDMI input ports to the signal source equipments such as DVD player, Blue-ray player, Set-top box etc. You can press each of HDMI INPUT DISAPLY BUTTON repeatedly to choose the HDMI input source you want to display.
•Connect each HDMI output ports to the HDMI displays or monitors.
•Connect to IR output ports with the IR blaster cable（not included in the package） for IR signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled.
•Connect to the IR receiver cable (not included in the package) for IR signal reception. Make sure that the remote being used is in direct line-of-sight of the IR receiver.
•You can control the device using a supplied Remote by pointing to the built-in IR sensor.
•Connect to the IR extender iutput with the IR extender cable (optional) if you need to extend the distance of using the remote.
•Plug the 5VDC power supply into the unit and connect the adaptor to AC outlet.

CONNECTION DIAGRAM



SPECIFICATION

Input Port	4xHDMI(Female connector), 1xIR Channel
Output Port	4xHDMI(Female connector), 4xIR Channels
Bandwidth	10.2Gbps
Output Resolution	480i~1080P@50/60,1080P@24/50/60, VGA~UXGA
Operating Temperature	-15℃~55℃/5°F~131°F
Deep Color	36bit
Chassis	Metal
Dimension	275mm(L)x150mm(W)x30mm(H)
Weight	1089g
Power Supply	DC 5V

SAFETY PRECAUTIONS

Please read the following safety precautions carefully before you unpack and install this equipment.

1.Do not expose the unit to rain, moisture or any other dripping liquids. And keep it away from any wet locations such as fishing tanks, vases.
2.Do not install the unit close to fire or any other heat sources.
3.Keep the unit in dry and ventilated area. Do not install in bookcase, cabinet or any other confined space.
4.Stop using the unit during thundering or lightening storms.
5.Avoid the power cable to be stepped on or pinched. Position the unit carefully to avoid damage or accident.
6.Clean the unit only with dry cloth.
7.Only use accessories specified by the manufacturer.
8.Unplug the equipment when unused for a long period of time.
9.Do not try to open any non-serviceable parts. Contact your authorized servicing center and personnel.

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